United States
Department of
Agriculture

Soil
Conservation
Service

Reno
Nevada

Nevada Water Supply Outlook

April 1, 1986

Foreword

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason, forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are termed reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. Because of the limited space, snow survey measurements are not published in monthly reports. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola, Suite 200, Phoenix, AZ 85012
Colorado (New Mexico)	2490 West 26th Ave., Denver, CO 80211
Idaho	304 North 8th Street, Room 345, Boise, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Second Floor, Reno, NV 89502
Oregon	1220 Southwest 3rd Ave., 16th Floor, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82602

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 547, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencies include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 98502; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Saskatchewan, and N.W.T. — The Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta, T3C 1A6.

Nevada
Water Supply Outlook

and

Federal - State - Private
Cooperative Snow Surveys

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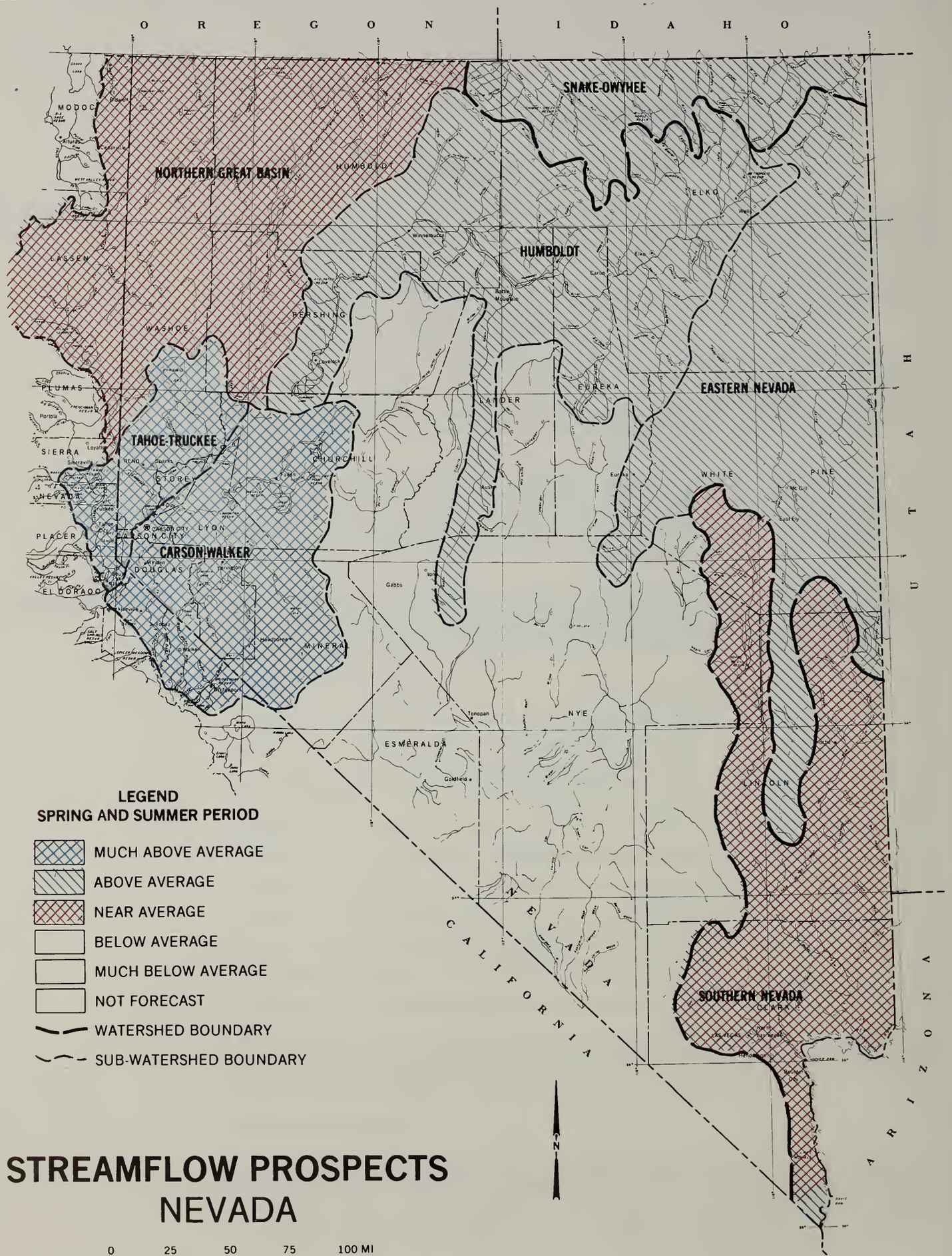
U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE



LEGEND
SPRING AND SUMMER PERIOD

- MUCH ABOVE AVERAGE
- ABOVE AVERAGE
- NEAR AVERAGE
- BELOW AVERAGE
- MUCH BELOW AVERAGE
- NOT FORECAST
- WATERSHED BOUNDARY
- SUB-WATERSHED BOUNDARY

STREAMFLOW PROSPECTS
NEVADA

0 25 50 75 100 MI

0 50 100 150 KM

APRIL 1985 4-R-39131

USDA SCS-FORT WORTH, TEXAS 1985

GENERAL OUTLOOK

SUMMARY:

WATER SUPPLIES STATEWIDE WILL BE GOOD TO EXCELLENT FOR 1986. BASIN SNOWPACK ACCUMULATIONS RANGE FROM 100 TO 160 PERCENT OF AVERAGE. WATER YEAR PRECIPITATION IS ABOVE AVERAGE WITH THE SINGLE EXCEPTION OF SOUTHERN NEVADA. RESERVOIR STORAGE IS EXCELLENT AND SHOULD PROVIDE ADEQUATE WATER FOR ALL USES THIS SUMMER. STREAMFLOW FORECAST VALUES RANGE FROM NEAR AVERAGE TO MUCH ABOVE AVERAGE STATEWIDE. . .

SNOWPACK:

Snowpack accumulations in the seven major basins in the state are all near or above average for April 1. Carson-Walker basin has the highest snowpack total at 160 percent of average. Southern, Northern Great, Humboldt, and Snake- Owyhee basins are all near average. Tahoe-Truckee basin is 135 percent of average while the Eastern basin is 140% of average. Lower elevation snow course readings in northern and eastern Nevada are below twenty year averages, but the higher elevation readings are sufficiently above average to result in an overall above average basin snowpack total. Snow received in the Sierra during the large February storm has been retained even though above average temperatures were recorded during March. .

PRECIPITATION:

March basin-wide precipitation was below average in Humboldt, South, and Snake-Owyhee basins and above average in Tahoe-Truckee, Carson-Walker, Eastern, and Northern Great basins. March basin-wide precipitation ranged from 60 to 150 percent of average. Water year precipitation is above average in all basins with the exception of southern Nevada which is 20 percent below average. All other basins' water-year precipitation range from 120 to 130 percent of average. .

RESERVOIRS:

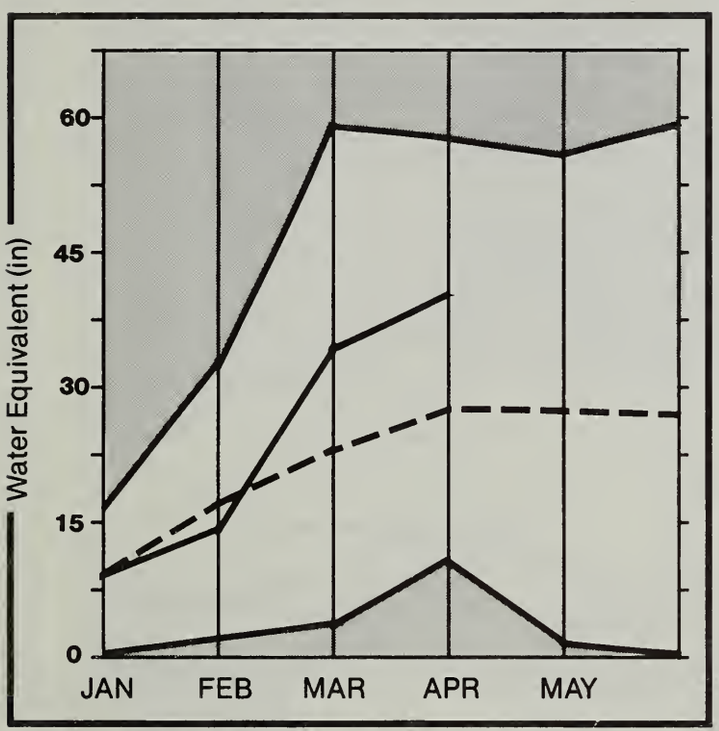
Reservoir storage on April 1 was excellent throughout Nevada. Stored water ranged from 100 to 200 percent of average. All reservoirs, with the exception of Bridgeport Reservoir, contain more stored water this year than last. Basin total storage for Tahoe-Truckee, Carson-Walker, Humboldt, and Snake-Owyhee basins was above average. Stored water in the seven major reservoirs (Boca, Lake Tahoe, Bridgeport, Lahontan, Topaz, Rye Patch, and Wildhorse) was 145 percent of average. .

STREAMFLOW:

Streamflow prospects are excellent for 1986. Forecast values range from 85 to 170 percent of average. Tahoe-Truckee basin forecast values are 120 to 160 percent of average. Carson- Walker basin streamflow will be even greater with total flow for the forecast period ranging from 150 to 170 percent of average. Below average streamflow can be expected near McDermitt, Nevada, where forecast values are approximately 90 percent of average. The only other below average forecast is for Reese River near Ione, Nevada. The forecast value for this gaging station is 90 percent of average. .

TAHOE & TRUCKEE BASINS

Mountain snowpack* (inches)

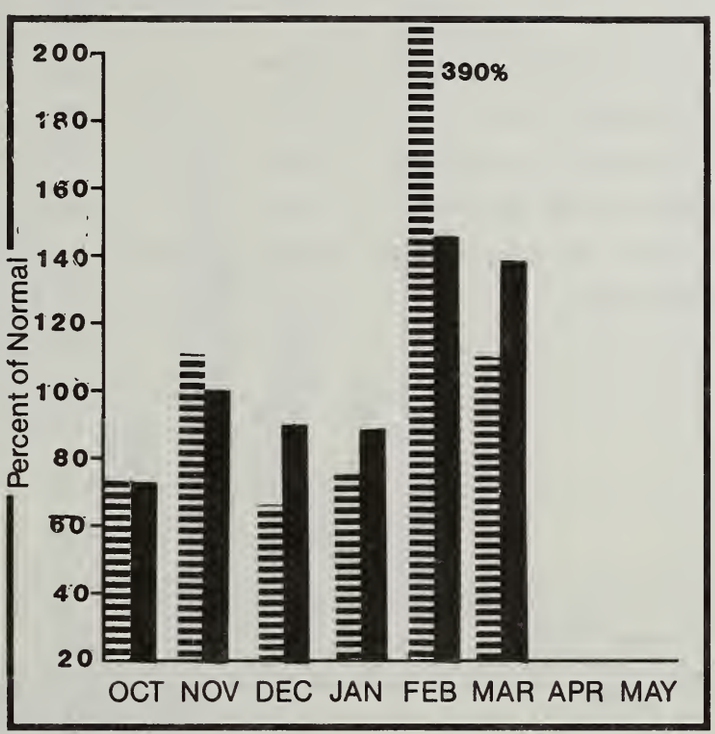


*Based on selected stations

Maximum ——— Average – – – –

Minimum ——— Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation ▥ Year to date precipitation ■

WATER SUPPLY OUTLOOK:

Water supply for the Tahoe-Truckee basin will be excellent this year. Basin snowpack accumulation is 135 percent of average for April 1. Basin wide reservoir storage is 160 percent of average, and Lake Tahoe is approximately 90 percent of capacity. All streamflow forecasts are above average. Truckee River at Farad, California, will flow 395,000 acre feet between April 1 and July 31 , which is 150 percent of average. The forecasted total rise for Pyramid Lake is 8.5 feet.

For more information contact your local Soil Conservation Service office.

TAHOE & TRUCKEE BASINS

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
LAKE TAHOE RISE(assume gates closed)	APR-HIG	1.3	2.2	158	216	144				
TRUCKEE RIVER at Farad, Ca	APR-JUL	269.0	395.0	146	173	121				
LITTLE TRUCKEE RIVER above Boca, Ca	APR-JUL	92.5	132.0	142	176	109				
PYRAMID LAKE RISE (LOW 12/1/85)	LOW-HIG	1.1	8.5	206	229	186				
STEAMBOAT CREEK at Steamboat, Nv	APR-JUL	5.2	8.0	153	192	115				
SAGEHEN CREEK, Ca	APR-JUL	6.5	10.0	153	185	123				
GALENA CREEK nr Steamboat, Nv	APR-JUL	4.4	6.8	154	182	114				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
BOCA RESERVOIR	40.9	30.3	18.0	21.4
LAKE TAHOE	744.6	637.6	548.0	423.1
PROSSER RESERVOIR	28.6	9.4	9.0	8.3
STAMPEDE RESERVOIR	226.5	204.7	194.0	110.7

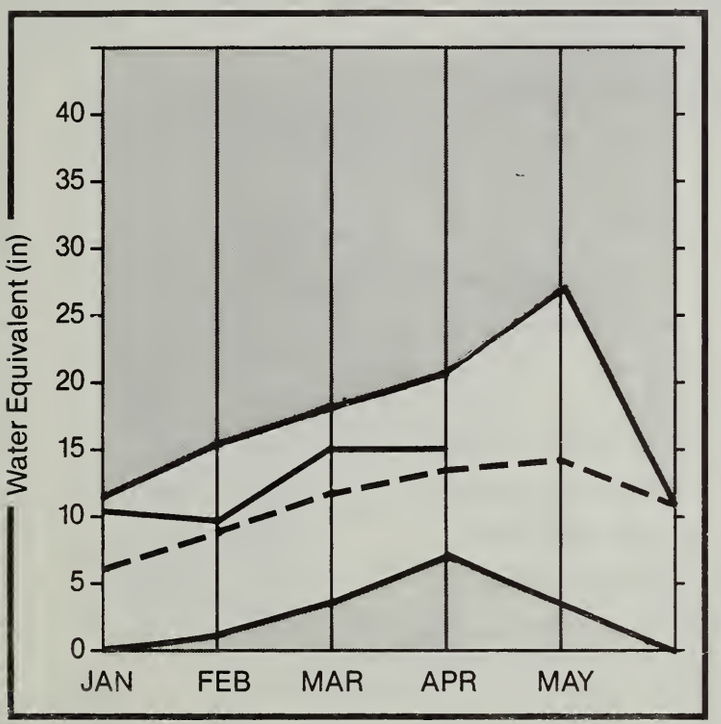
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
LAKE TAHOE RISE	13	155	142
TRUCKEE BASIN	16	151	134
LITTLE TRUCKEE RIVER	5	133	136
SAGE HEN CREEK	5	137	124
GALENA CREEK	3	193	154
STEAMBOAT DRAINAGE	2	188	148
PYRAMID LAKE	29	153	137

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

SNAKE & OWYHEE BASINS

Mountain snowpack* (inches)

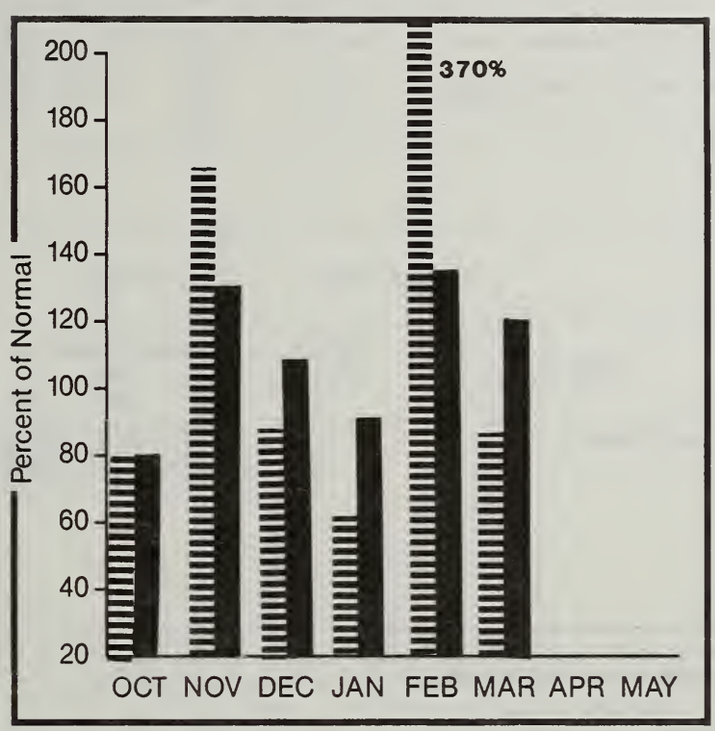


*Based on selected stations

Maximum ———— Average – – – –

Minimum ———— Current ————

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation ▥ Year to date precipitation ■

WATER SUPPLY OUTLOOK:

Combined basin snowpack accumulation is 110 percent of average for April 1. Wildhorse Reservoir storage is at capacity and 200 percent of average. Streamflow forecasts for April through July average 125 percent of average. Owyhee River near Gold Creek is forecasted at 27,500 acre feet while Owyhee River near Owyhee will flow 100,000 acre feet. South Fork Owyhee near White Rock, Nevada, is expected to flow 108,000 acre feet which is 130 percent of average.

For more information contact your local Soil Conservation Service office.

SNAKE & OWYHEE BASINS

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
OWYHEE RIVER nr Gold Creek	APR-JUL	22.0	27.5	125	168	82				
OWYHEE RIVER nr Owyhee	APR-JUL	85.4	100.0	117	158	76				
S FORK OWYHEE nr White Rock, Nv	APR-JUL	83.0	108.0	130	171	89				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	xx USEABLE STORAGE xx THIS YEAR	LAST YEAR	AVE.
WILDHORSE RESERVOIR	71.5	70.4	55.0	34.7

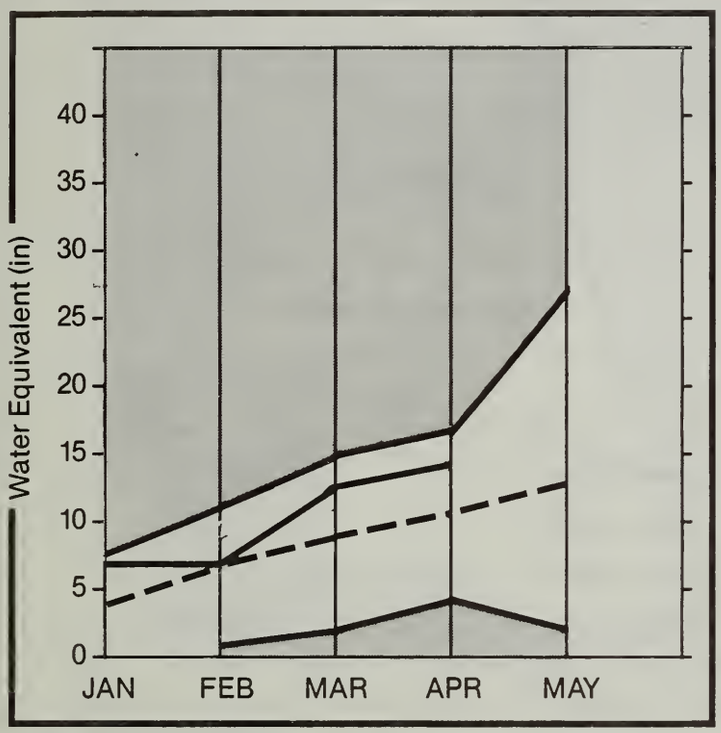
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	THIS YEAR AS % OF AVERAGE
OWYHEE RIVER nr Owyhee	7	103	112
OWYHEE Rv. nr Gold Creek	4	103	109
S. FORK OWYHEE RIVER	7	103	112
SALMON FALLS CREEK	4	97	105

xCorrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

EASTERN NEVADA

Mountain snowpack* (inches)

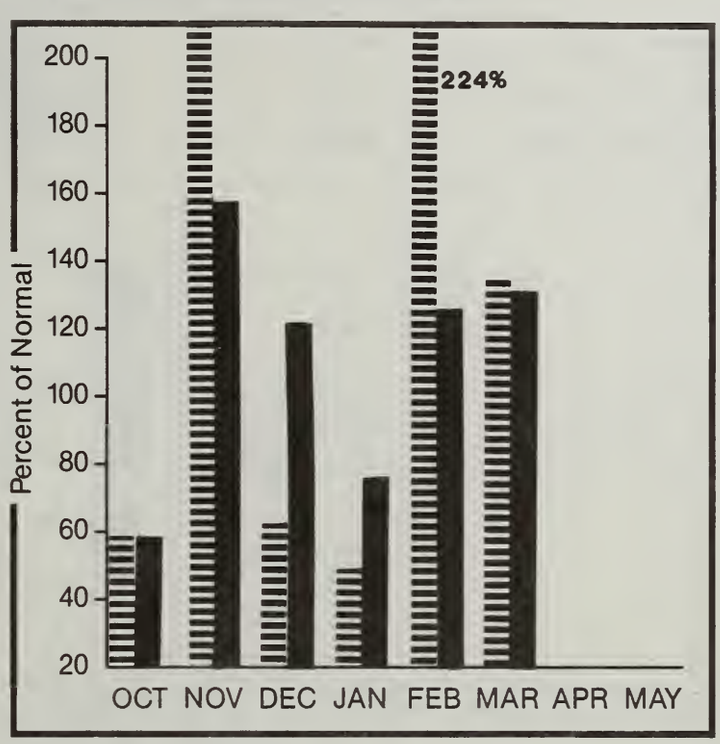


*Based on selected stations

Maximum ——— Average – – – –

Minimum ——— Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation ▥ Year to date precipitation ■

WATER SUPPLY OUTLOOK:

Water supplies will be good this summer with snowpack accumulations at 140 percent of average. Water content values at snow courses below 7500 feet elevation are near or slighlty below average while higher elevation courses are reporting values well above average. Streamflow forecasts are all above average for the April through July period. Steptoe Creek near Ely, Nevada, is forecasted at 2900 acre feet or 145 percent of average while Kingston Creek near Austin, Nevada, will flow 3800 acre feet.

For more information contact your local Soil Conservation Service office.

EASTERN NEVADA

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
STEPTOE CREEK nr Ely	APR-JUL	2.0	2.9	145	200	100				
KINGSTON CREEK nr Austin, Nv	APR-JUL	3.3	3.8	115	182	61				
FRANKLIN RIVER nr Arthur	APR-JUL	5.9	6.8	115	169	51				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.

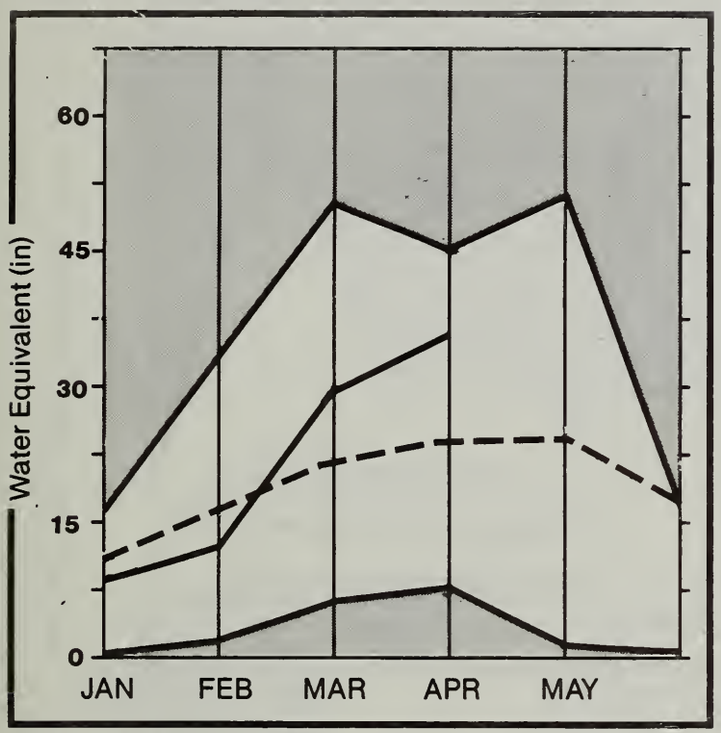
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
FRANKLIN RIVER	3	112	110
KINGSTON CREEK	1	90	163
EASTERN NEVADA	5	86	119
STEPTOE VALLEY	2	98	127

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

CARSON & WALKER BASINS

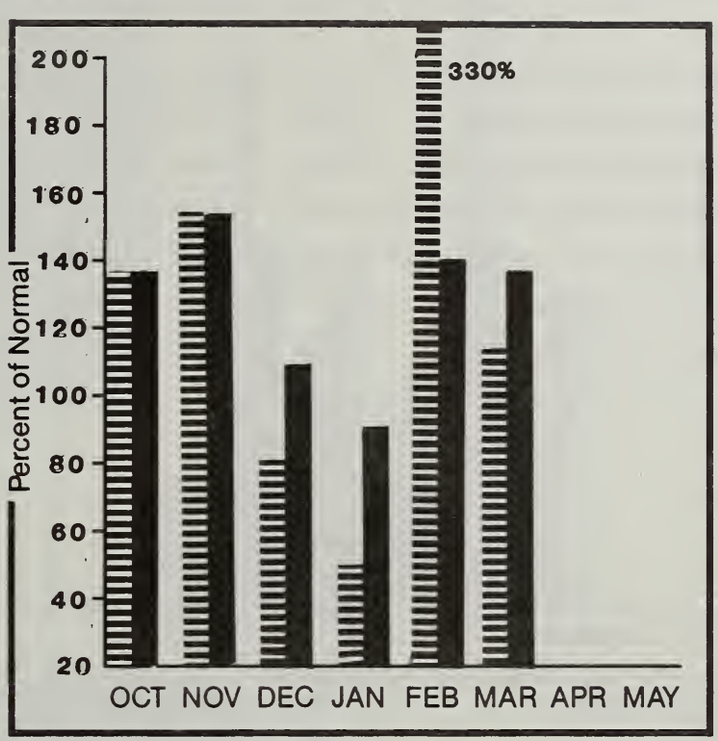
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Average
Minimum
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Basin snowpack is 160 percent of average and summer water supplies will be excellent. Reservoir storage is above average for April 1 with Topaz Reservoir approximately 115 percent of average. Streamflow forecasts range from 150 to 170 percent of average. East Fork Carson River near Gardnerville, will flow 285,000 acre feet or 150% of average during the April 1 to July 31 forecast period. West Walker River near Coleville, California, is forecasted at 240,000 acre feet which is 160 percent of average.

For more information contact your local Soil Conservation Service office.

CARSON & WALKER BASINS

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
EF CARSON RIVER nr Gardnerville, Nv	APR-JUL	187.0	285.0	152	180	125	2737		200	JUL 8
WF CARSON RIVER at Woodfords, Ca	APR-JUL	53.0	84.0	158	189	128				
CARSON RIVER near Carson City, Nv	APR-JUL	182.0	300.0	164	196	134	3370			
CARSON RIVER near Ft. Churchill, Nv	APR-JUL	166.0	280.0	168	201	137	3104			
EAST WALKER RIVER nr Bridgeport, Ca	APR-AUG	66.0	110.0	166	209	124				
WEST WALKER RIVER near Coleville, Ca	APR-JUL	148.0	240.0	162	184	140	2873			
WALKER LAKE RISE (LOW 1/6/86)	LOW-HIG	-0.0	6.7	294	364	242				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	xx USEABLE STORAGE xx THIS YEAR	LAST YEAR	AVE.
BRIDGEPORT RESERVOIR	42.5	32.2	42.0	33.5
LAHONTAN RESERVOIR	295.1	300.1	244.0	226.6
TOPAZ RESERVOIR	59.4	51.2	34.0	43.8

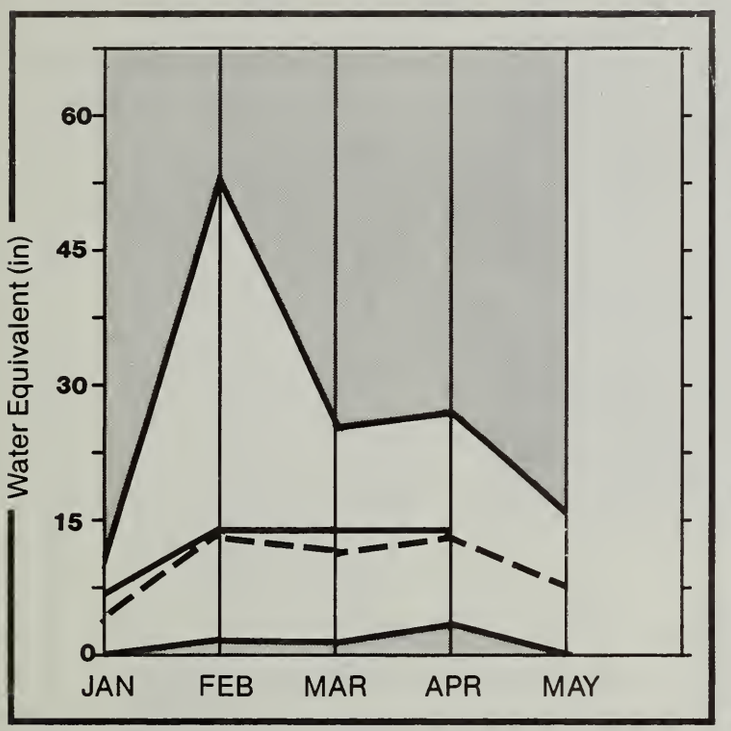
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
E. CARSON RIVER	7	178	158
W. CARSON RIVER	5	155	146
CARSON Rv. at Carson City	5	174	158
CARSON Rv. at Ft. Churchi	5	174	158
E. WALKER Rv. nr Bridgepo	6	193	174
W. WALKER Rv. nr Colevill	8	192	169
WALKER LAKE RISE	9	191	170

xCorrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

HUMBOLDT BASIN

Mountain snowpack* (inches)

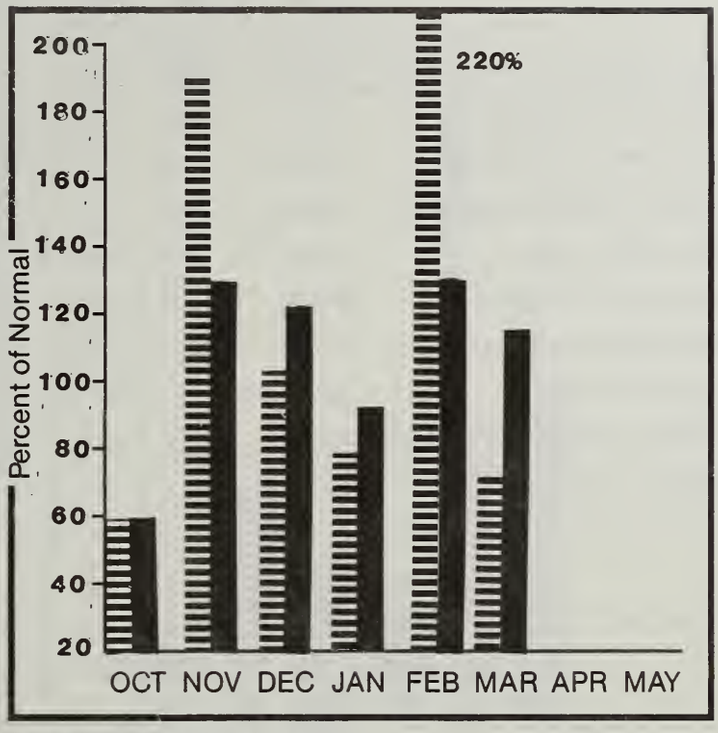


*Based on selected stations

Maximum ——— Average – – – –

Minimum ——— Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation ▥ Year to date precipitation ■

WATER SUPPLY OUTLOOK:

Basin snowpack accumulations are average for April 1 and water supplies will be good. Streamflow forecast values range from 90 to 140 percent of average. Humboldt River at Palisade will flow 300,000 acre feet between April and July which is 130 percent of average. Rock Creek near Battle Mountain, Nevada, is forecasted at 22,000 acre feet or 135 percent of average. Rye Patch Reservoir was 92 percent of capacity on April 1 which is 150 percent of average.

For more information contact your local Soil Conservation Service office.

HUMBOLDT BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
HUMBOLDT RIVER at Palisade	APR-JUL	230.0	300.0	130	196	66				
HUMBOLDT RIVER at Comus	APR-JUL	173.0	235.0	135	227	45				
S FORK HUMBOLDT RIVER at Dixie	APR-JUL	75.0	98.0	130	188	73				
NF HUMBOLDT RIVER at Devils Gate	APR-JUL	34.8	42.0	120	178	63				
MARY'S RIVER nr Deeth	APR-JUL	36.9	45.0	121	160	84				
MARTIN CREEK nr Paradise Nv	APR-JUL	15.8	22.0	139	165	114				
LAMOILLE CREEK nr Lamoille	APR-JUL	28.7	40.0	139	171	108				
REESE RIVER nr Ione Nv	APR-JUL	6.6	6.0	90	152	30				
L. HUMBOLDT RIVER nr Paradise Valley	APR-JUL	9.7	15.0	154	186	124				
ROCK CREEK nr Battle Mtn.	APR-JUL	16.0	22.0	137	194	81				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	xx USEABLE STORAGE xx THIS YEAR	LAST YEAR	AVE.
RYE PATCH RESERVOIR	194.3	178.9	168.0	118.0

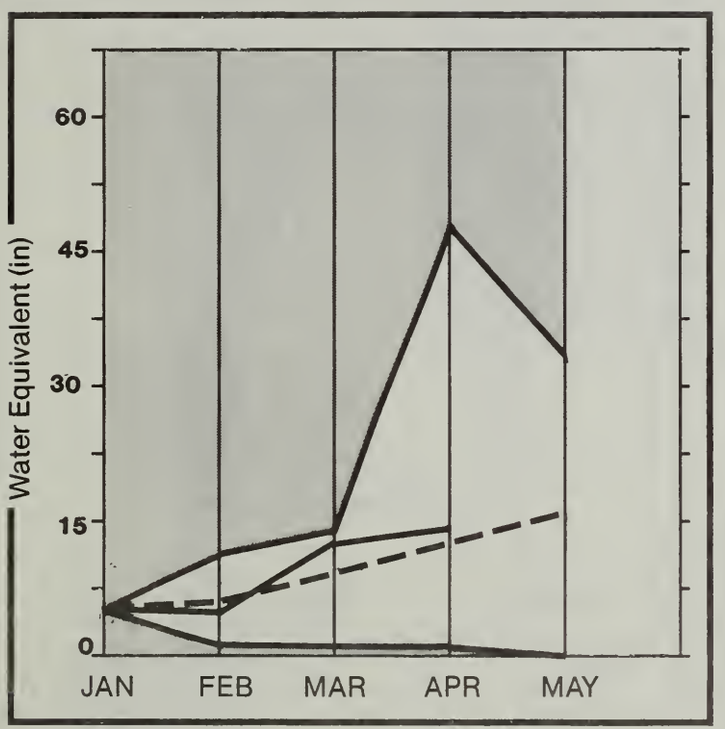
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
LAMOILLE CREEK	3	122	128
S. FORK HUMBOLDT	11	97	104
MARY'S RIVER	5	100	108
N. FORK HUMBOLDT	9	93	99
HUMBOLDT Rv. at Palisades	12	111	115
HUMBOLDT RIVER at Comus	12	111	115
LITTLE HUMBOLDT RIVER	2	86	116
MARTIN CREEK	3	84	110
REESE RIVER	1	90	163
ROCK CREEK	3	45	66

xCorrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

NORTHERN GREAT BASIN

Mountain snowpack* (inches)



*Based on selected stations

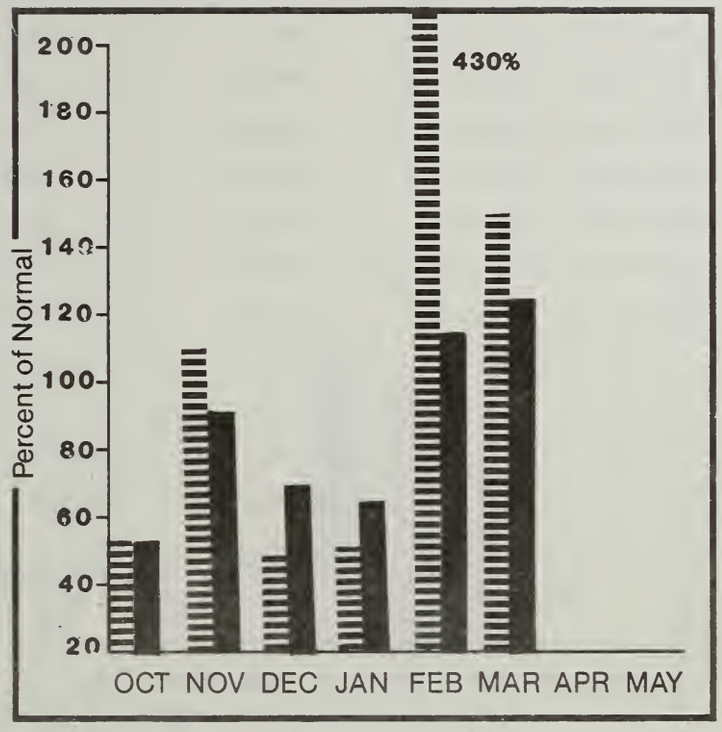
Maximum

Minimum

Average

Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Snow measurements at snow courses indicate average accumulations for the western portion of the basin and below average water content in eastern areas. Streamflow for Sierra streams will be 120 to 130 of average. Forecasts for Quinn River and McDermitt Creek are 15 to 20 percent below average. Quinn River near McDermitt, Nevada, will flow 14,000 acre feet or 90 percent of average. Bidwell Creek near Fort Bidwell, California, is forecasted at 14,500 acre feet which is 120 percent of average.

For more information contact your local Soil Conservation Service office.

NORTHERN GREAT BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
BIDWELL CREEK nr Fort Bidwell	APR-JUL	12.0	14.5	120	158	83				
DEEP CREEK nr Cedarville, Ca	APR-JUL	3.6	4.5	124	167	83				
EAGLE CREEK nr Eagleville, Ca	APR-JUL	4.3	5.5	127	163	93				
MILL CREEK nr Cedarville, Ca	APR-JUL	4.1	5.0	121	171	73				
QUINN RIVER nr McDermitt, Nv	APR-JUL	16.0	14.0	87	113	63				
E. FORK QUINN RIVER nr McDermitt	APR-JUL	13.0	11.0	84	115	54				
MCDERMITT CREEK nr McDermitt	APR-JUL	12.0	10.0	83	108	58				

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.

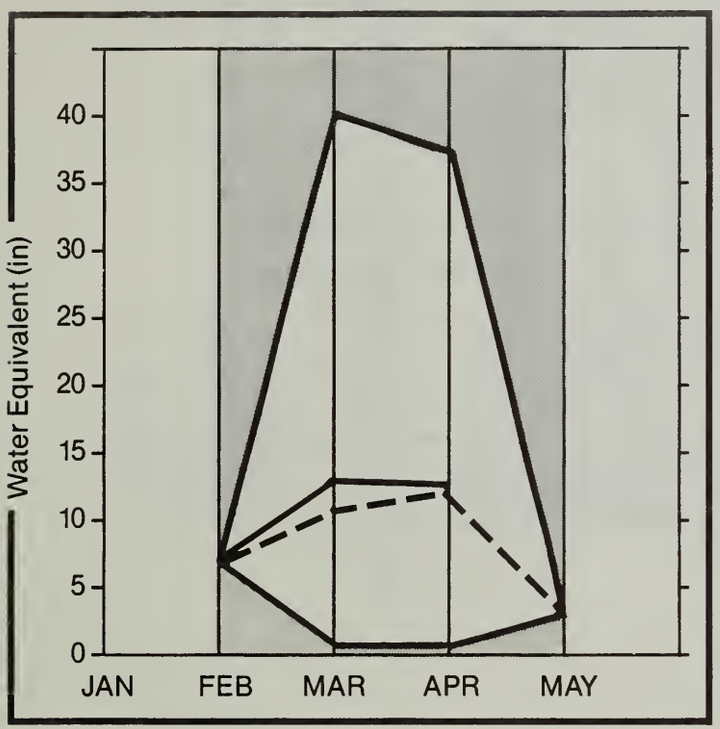
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	AVERAGE
BIDWELL	5	98	122
MILL CREEK	2	102	128
DEEP CREEK	2	102	128
EAGLE CREEK	2	102	128
QUINN RIVER	2	70	78
E. FORK QUINN	2	70	78
McDERMITT CREEK	2	70	78

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.

SOUTHERN NEVADA

Mountain snowpack* (inches)

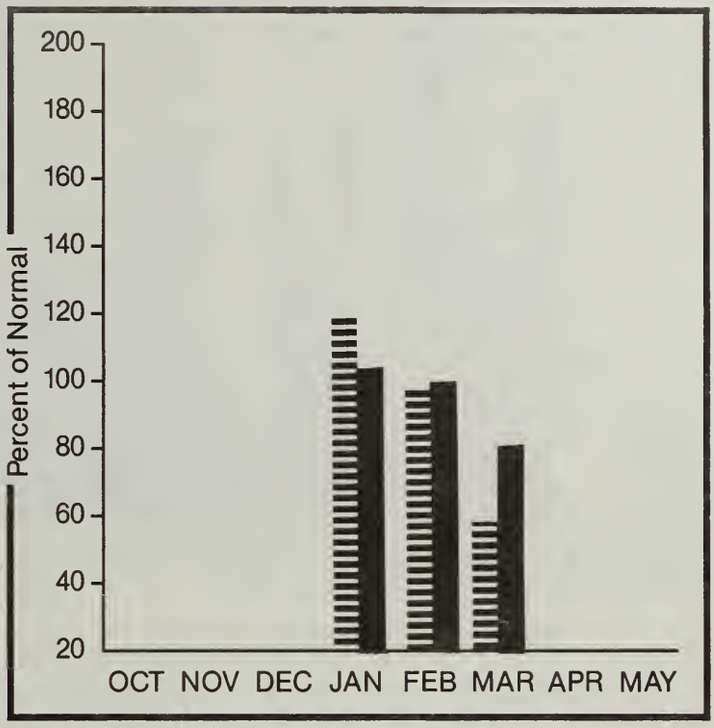


*Based on selected stations

Maximum _____ Average – – – –

Minimum _____ Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation ▥ Year to date precipitation ■

WATER SUPPLY OUTLOOK:

Snowpack accumulations in southern Nevada are average for April 1. Water supplies will vary throughout the basin. Runoff in the Spring Mountains west of Las Vegas should be average while water levels in Mohave and Mead will be excellent. Streamflow in the Virgin River will be below average for the April through July period. March precipitation was 60 percent of average and contributes to a water-year total only 80 percent of average.

For more information contact your local Soil Conservation Service office.

SOUTHERN NEVADA

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	20 YR. AVE. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVE.)	REAS. MAX. (% AVE.)	REAS. MIN. (% AVE.)	PEAK FLOW (CFS)	PEAK DATE	LOW FLOW (CFS)	LOW DATE
VIRGIN RIVER near Hurricane, UT	APR-JUL	62.0	55.0	88	123	56				
LAKE POWELL inflow	APR-JUL	7462.0	10800.0	144	173	120				

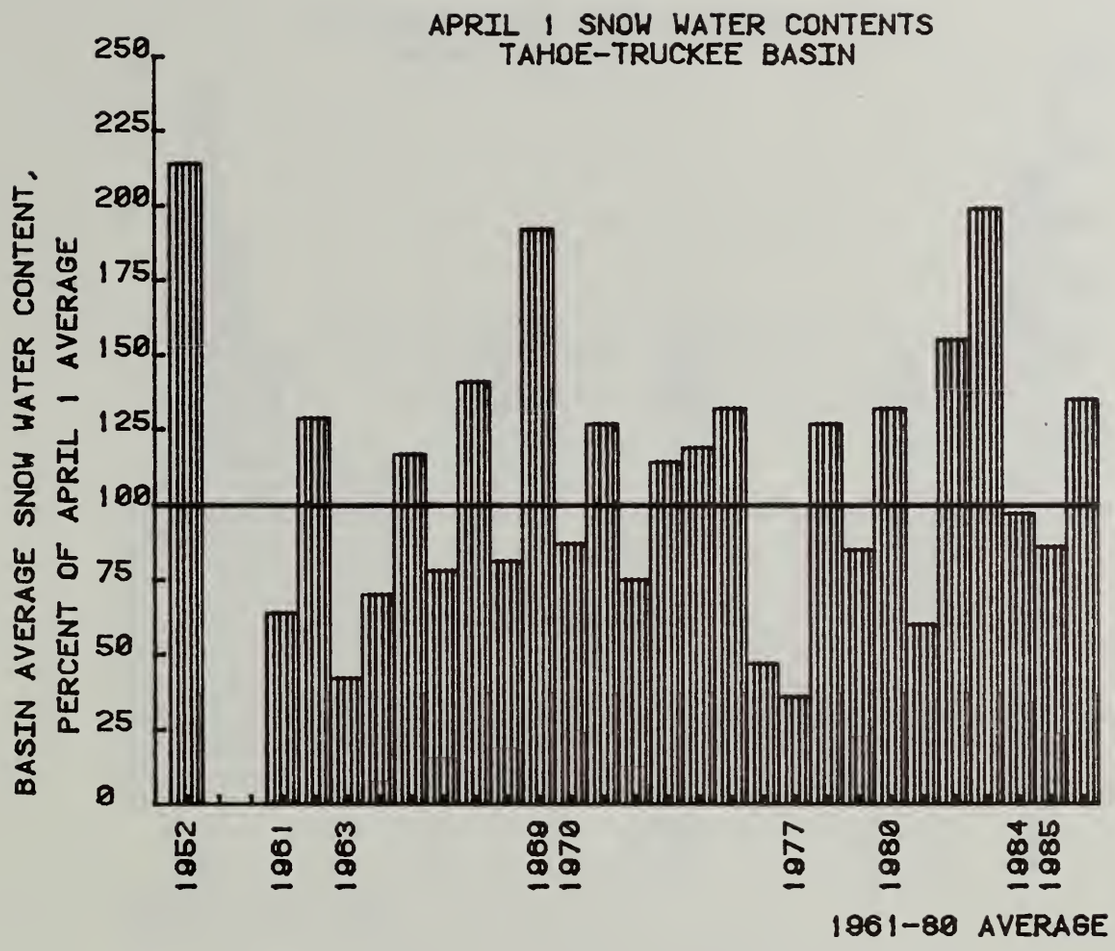
RESERVOIR STORAGE (1000AF)

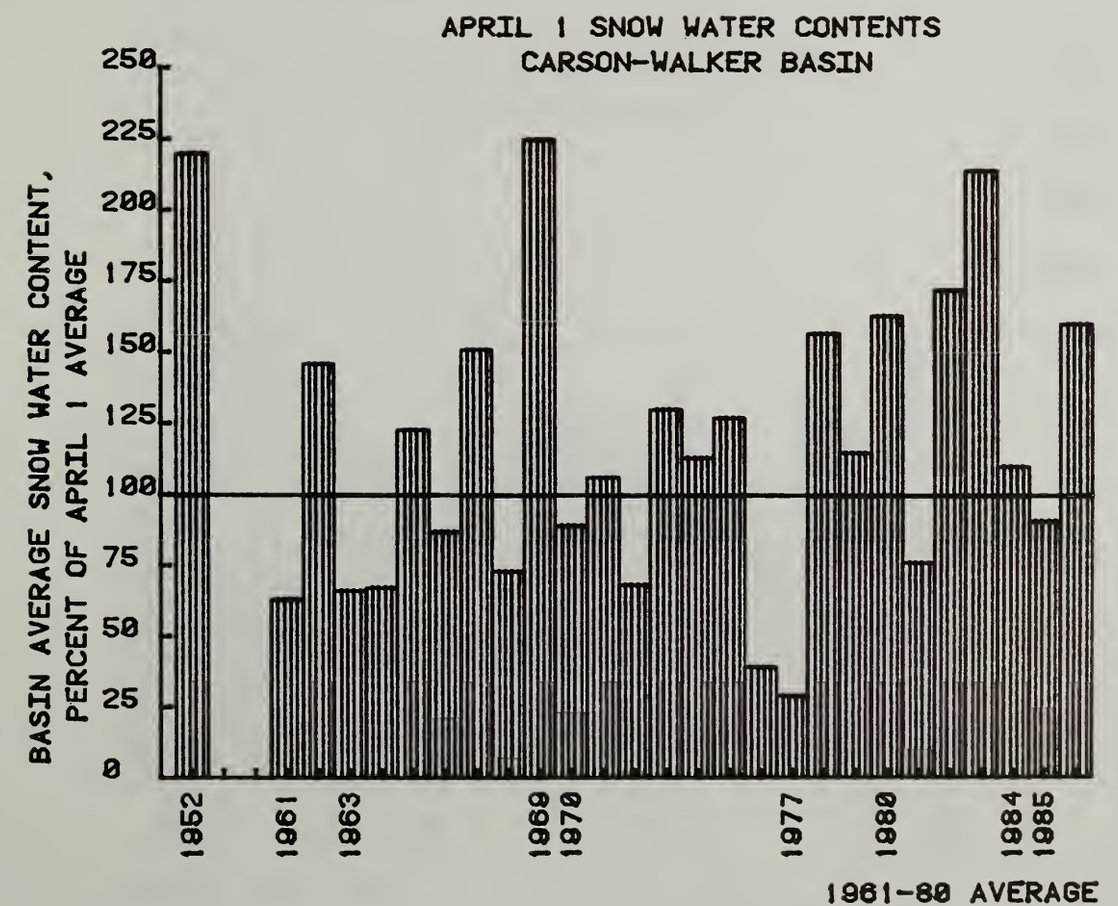
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVE.
LAKE MOHAVE	1810.0	1665.2	1732.6	1666.0
LAKE MEAD	26159.0	23273.0	23861.0	18170.0

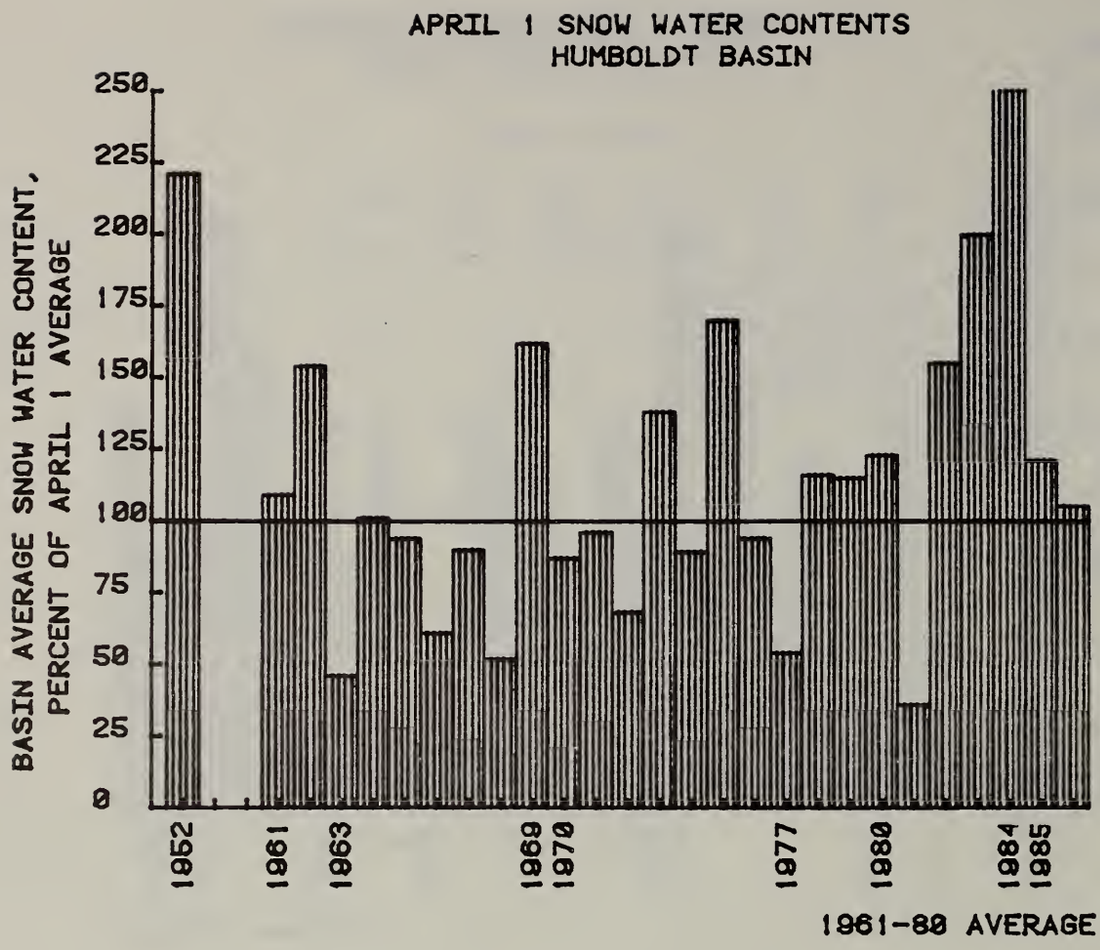
WATERSHED SNOWPACK ANALYSIS

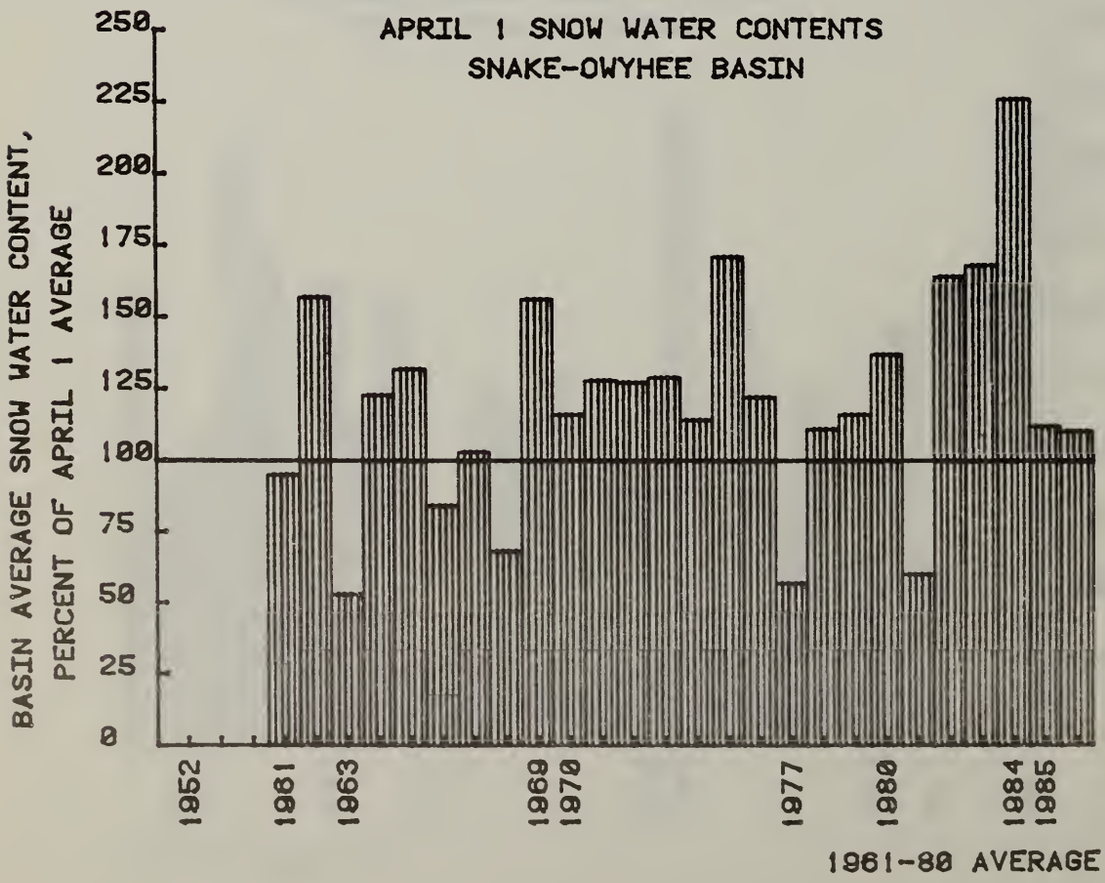
WATERSHED	NO. COURSES AVE.D	THIS YEAR AS % OF LAST YR.	THIS YEAR AS % OF AVERAGE
VIRGIN Rv. at Littlefield	4	80	75
VIRGIN Rv. at Hurricane,	4	80	75

*Corrected for upstream diversions or changes in reservoir storage.
Average is for 1961-80 period.


APRIL 1 SNOW WATER CONTENTS
TAHOE-TRUCKEE BASIN
BASIN AVERAGE SNOW WATER CONTENT, PERCENT OF APRIL 1 AVERAGE
250
225
200
175
150
125
100
75
50
25
0
1952
1961
1963
1969
1970
1977
1980
1984
1985
1961-80 AVERAGE


APRIL 1 SNOW WATER CONTENTS
CARSON-WALKER BASIN
BASIN AVERAGE SNOW WATER CONTENT, PERCENT OF APRIL 1 AVERAGE
250
225
200
175
150
125
100
75
50
25
0
1952
1961
1963
1969
1970
1977
1980
1984
1985
1961-80 AVERAGE


APRIL 1 SNOW WATER CONTENTS
HUMBOLDT BASIN
BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE
250
225
200
175
150
125
100
75
50
25
0
1952
1961
1963
1969
1970
1977
1980
1984
1985
1961-80 AVERAGE


APRIL 1 SNOW WATER CONTENTS
SNAKE-OWYHEE BASIN
BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE
250
225
200
175
150
125
100
75
50
25
0
1952
1961
1963
1969
1970
1977
1980
1984
1985
1961-80 AVERAGE

The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

STATE

California Cooperative Snow Surveys
California Department of Parks and Recreation
California Department of Water Resources
Colorado River Commission of Nevada
Idaho Cooperative Snow Surveys
Nevada Association of Conservation Districts
Nevada Department of Conservation & Natural Resources
- Division of Water Resources
- Nevada State Forester
- Division of Conservation Districts

Oregon Cooperative Snow Surveys
University of Nevada, Desert Research Institute
Utah Cooperative Snow Surveys

FEDERAL

Bureau of Reclamation
Forest Service
Geological Survey
Soil Conservation Service
U.S. District Court - Federal Water Master
NOAA, National Weather Service

PRIVATE

Nevada Irrigation District
Owyhee Project North Board of Control
Owyhee Project South Board of Control
Pacific Gas and Electric Company
Pershing County Water Conservation District
Sierra Pacific Power Company
Truckee - Carson Irrigation District
Walker River Irrigation District
Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

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SOIL CONSERVATION SERVICE
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